

=> d his

(FILE 'HOME' ENTERED AT 05:31:11 ON 07 SEP 2007)

L1 FILE 'CASREACT' ENTERED AT 05:31:22 ON 07 SEP 2007
L2 STRUCTURE UPLOADED
L2 35 S L1

FILE 'STNGUIDE' ENTERED AT 05:32:15 ON 07 SEP 2007

L3 FILE 'CASREACT' ENTERED AT 05:34:01 ON 07 SEP 2007
L4 STRUCTURE UPLOADED
L4 3 S L3
L5 STRUCTURE UPLOADED
L6 0 S L5
L7 STRUCTURE UPLOADED
L8 5 S L7

FILE 'STNGUIDE' ENTERED AT 05:38:28 ON 07 SEP 2007

L9 FILE 'CASREACT' ENTERED AT 05:40:40 ON 07 SEP 2007
L10 STRUCTURE UPLOADED
L10 0 S L9

FILE 'STNGUIDE' ENTERED AT 05:41:29 ON 07 SEP 2007

L11 FILE 'CASREACT' ENTERED AT 05:54:36 ON 07 SEP 2007
L12 STRUCTURE UPLOADED
L12 1 S L11
L13 8 S L11 SSS FULL

FILE 'STNGUIDE' ENTERED AT 05:57:27 ON 07 SEP 2007

FILE 'CASREACT' ENTERED AT 05:57:39 ON 07 SEP 2007

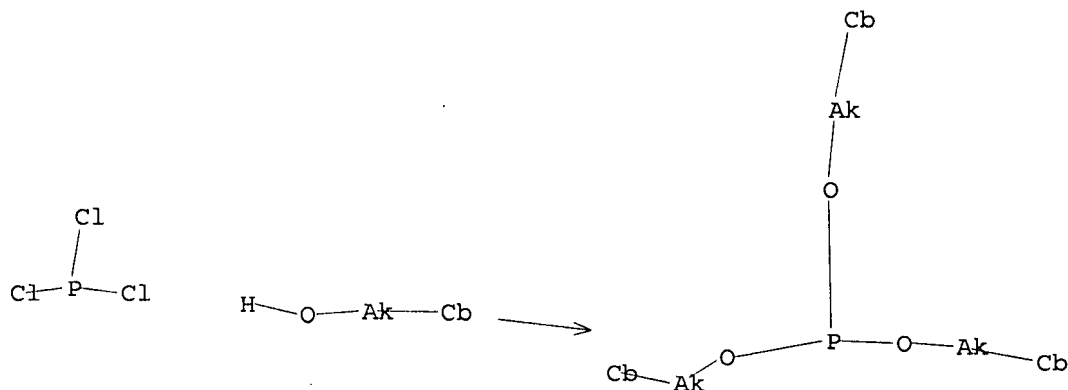
FILE 'STNGUIDE' ENTERED AT 05:57:51 ON 07 SEP 2007

FILE 'CASREACT' ENTERED AT 06:03:10 ON 07 SEP 2007

=> d l11

L11 HAS NO ANSWERS

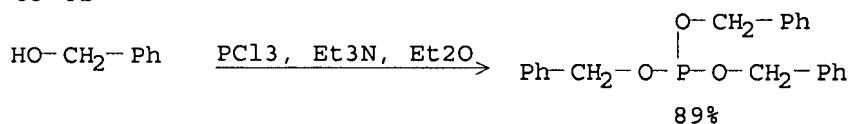
L11 STR



Structure attributes must be viewed using STN Express query preparation.

L13 ANSWER 8 OF 8 CASREACT COPYRIGHT 2007 ACS on STN

RX(4) OF 82



REF: Helvetica Chimica Acta, 78(3), 670-8; 1995

=> d l13 8 bib abs

L13 ANSWER 8 OF 8 CASREACT COPYRIGHT 2007 ACS on STN

AN 123:112201 CASREACT

TI First use of benzyl phosphites in the Michaelis-Arbuzov reaction synthesis of mono-, di-, and triphosphate analogs

AU Saady, Mourad; Lebeau, Luc; Mioskowski, Charles

CS Faculte de Pharmacie, Universite Louis Pasteur de Strasbourg, Illkirch, F-67401, Fr.

SO Helvetica Chimica Acta (1995), 78(3), 670-8

CODEN: HCACAV; ISSN: 0018-019X

PB Verlag Helvetica Chimica Acta

DT Journal

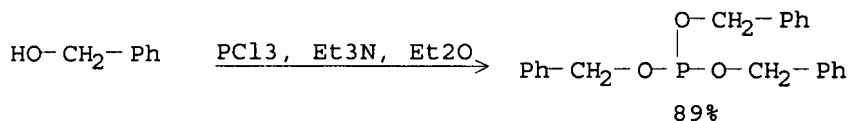
LA English

AB Benzyl phosphites were used in the Michaelis-Arbuzov reaction with, e.g., $\text{ROP(O)(CH}_2\text{Cl)}_2$ ($\text{R} = \text{PhCH}_2$) to give $\text{ROP(O)[CH}_2\text{P(O)(OBn)}_2\text{]}_2$. Special exptl. conditions gave a set of phosphonate analogs of mono-, di-, and triphosphate. Also, regioselective mono-deprotection makes these mols. useful building blocks for the synthesis of analogs of polyphosphorylated compds. of biol. interest (e.g. nucleotides), after removal of all phosphonate benzyl ester groups under very mild conditions and high yields.

=> d 113 8

L13 ANSWER 8 OF 8 CASREACT COPYRIGHT 2007 ACS on STN

RX(4) OF 82



REF: Helvetica Chimica Acta, 78(3), 670-8; 1995

=> d 113 8 bib abs

L13 ANSWER 8 OF 8 CASREACT COPYRIGHT 2007 ACS on STN

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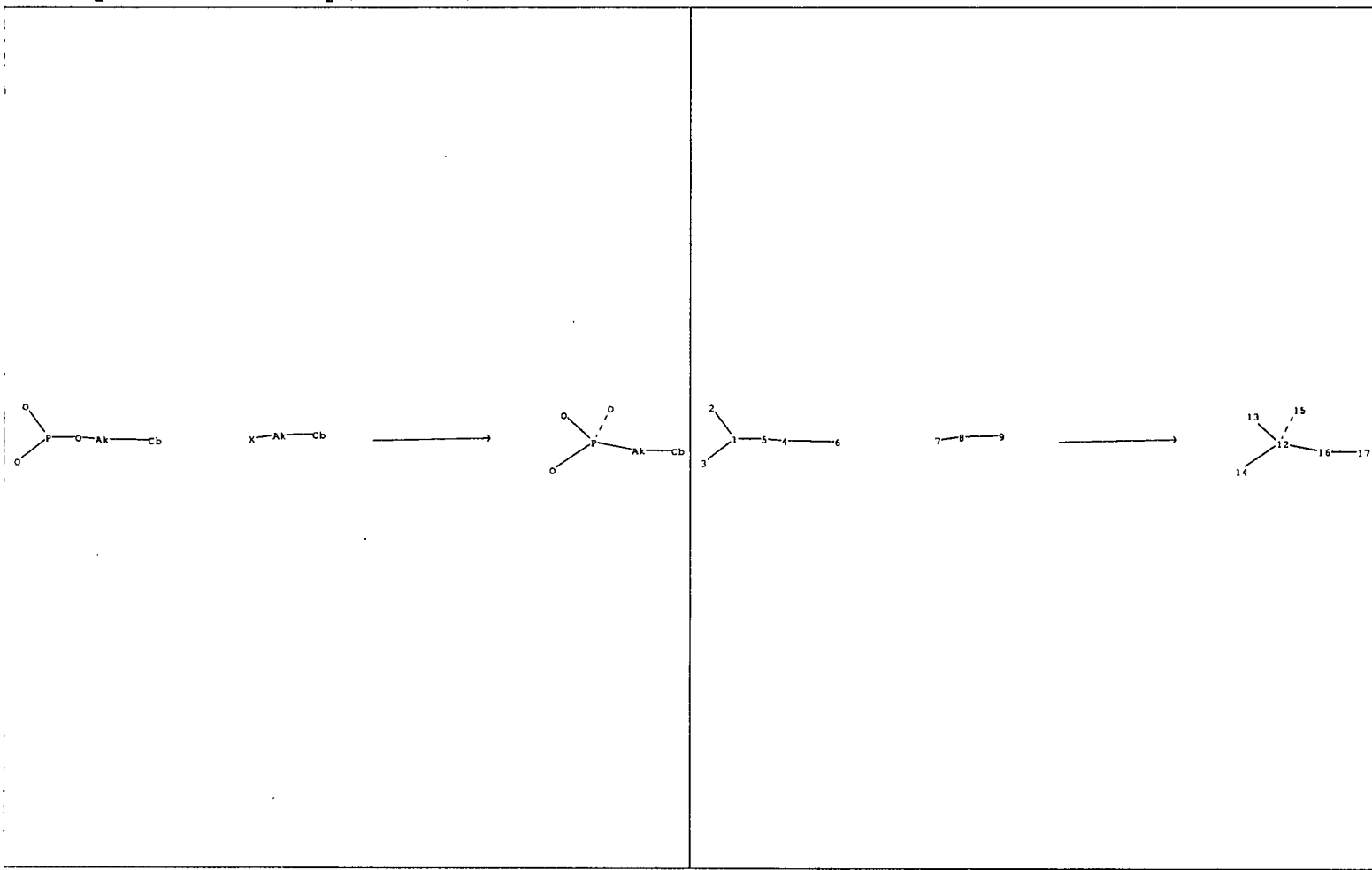
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chain nodes :

4 5 6 7 8 9 15 16 17

ring/chain nodes :

1 2 3 12 13 14

chain bonds :

1-5 4-5 4-6 7-8 8-9 12-15 12-16 16-17

ring/chain bonds :

1-2 1-3 12-13 12-14

exact/norm bonds :

1-2 1-3 1-5 4-5 4-6 7-8 8-9 12-13 12-14 12-15 12-16 16-17

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:Atom 7:CLASS 8:CLASS 9:Atom 12:CLASS
13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:Atom

Generic attributes :

6:
Saturation : Unsaturated
9:
Saturation : Unsaturated
17:
Saturation : Unsaturated

fragments assigned product role:

containing 12

fragments assigned reactant/reagent role:

containing 1

containing 7

node mappings:
1:12 2:13 3:14

FILE 'CASREACT' ENTERED AT 06:50:11 ON 07 SEP 2007

L14 STRUCTURE UPLOADED

L15 0 S L14

L16 6 S L14 SSS FULL

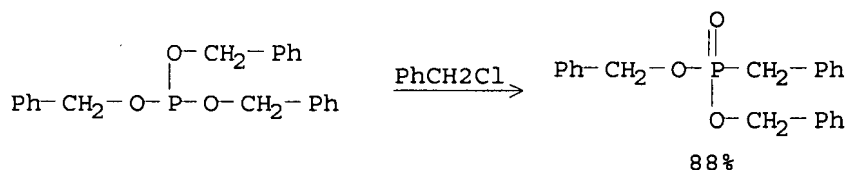
FILE 'STNGUIDE' ENTERED AT 06:51:20 ON 07 SEP 2007

FILE 'CASREACT' ENTERED AT 06:51:58 ON 07 SEP 2007

=> d l16 5

L16 ANSWER 5 OF 6 CASREACT COPYRIGHT 2007 ACS on STN

RX(5) OF 82



REF: Helvetica Chimica Acta, 78(3), 670-8; 1995

=> d l16 5 bib abs

L16 ANSWER 5 OF 6 CASREACT COPYRIGHT 2007 ACS on STN

AN 123:112201 CASREACT

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